

**WHAT IS CLAIMED IS:**

1. A method for routing a transaction to a front-end server, comprising:  
identifying at least one attribute-based category for said transaction;  
identifying at least one of a plurality of front-end servers to process  
said transaction based at least in part on said identified attribute-based  
category of said transaction and at least in part on said front-end servers  
being assigned to execute transactions corresponding to said attribute-based  
category; and  
routing said transaction to one of said at least one identified front-end  
servers.
2. A method as in claim 1, further comprising assigning said at least one  
attribute-based category to said transaction.
3. A method as in claim 2, wherein assigning said at least one attribute-  
based category to said transaction comprises associating a tag with  
said transaction.
4. A method as in claim 1, wherein identifying said at least one front-end  
server comprises comparing said attribute-based category for said  
transaction to assigned attribute-based categories for said plurality of  
front-end servers.
5. A method as in claim 1, further comprising determining whether said at  
least one front-end server is available for processing said transaction.
6. A method as in claim 1, further comprising rerouting said transaction  
to another of said plurality of front-end servers when said identified  
server refuses said transaction.

7. A method as in claim 1, further comprising determining when said identified attribute-based category is new and assigning said new attribute-based category to at least one of said plurality of front-end servers.
8. A method as in claim 7, further comprising notifying a workload manager of said at least one front-end server assigned to said new attribute-based category.
9. A method as in claim 1, further comprising:  
determining a status of an attribute-based category; and  
deallocating said attribute-based category from said front-end server to which it is assigned when said status is inactive.
10. An apparatus for routing a transaction to a front-end server, comprising:  
computer readable storage media;  
computer readable program code stored on said computer readable storage media, comprising:
- a) program code for identifying at least one attribute-based category for said transaction;
  - b) program code for identifying at least one of a plurality of front-end servers to process said transaction based at least in part on said identified attribute-based category of said transaction and at least in part on said front-end servers being assigned to execute transactions corresponding to said attribute-based category; and
  - c) program code for routing said transaction to one of said at least one identified front-end server.

11. An apparatus as in claim 10, further comprising program code for assigning said at least one attribute-based category to said transaction.
12. An apparatus as in claim 10, wherein said attribute-based category is based on at least one "real" attribute of said transaction.
13. An apparatus as in claim 10, wherein said attribute-based category is based on at least one "perceived" attribute of said transaction.
14. An apparatus as in claim 10, further comprising a user table for assigning said at least one attribute-based category to said transaction.
15. An apparatus as in claim 10, further comprising:
  - program code for determining whether said at least one identified server is available for processing said transaction; and
  - program code for rerouting said transaction to another of said plurality of servers when at least one identified server is unavailable for processing said transaction.
16. An apparatus as in claim 10, further comprising program code for assigning a number of attribute-based categories to each of said plurality of front-end servers, wherein said program code for routing said transaction to one of said identified front-end servers routes said transaction according to said assigned attribute-based categories.
17. An apparatus as in claim 16, wherein said program code for assigning at least one attribute-based category to each of said plurality of servers bases the assignment at least in part on an affinity of transaction attributes.

18. An apparatus as in claim 16, further comprising a workload manager table for recording said assigned attribute-based categories.

19. An apparatus as in claim 16, further comprising:

program code for determining a status for each of said assigned attribute-based categories; and

5 program code for deallocating said assigned attribute-based categories when said status thereof is inactive.

20. An apparatus as in claim 10, further comprising program code for determining when said identified attribute-based category is new and assigning said new attribute-based category to at least one of said plurality of front-end servers.

21. An apparatus for routing a transaction to a server, comprising:

means for identifying at least one attribute-based category for said transaction;

5 means for identifying at least one of a plurality of servers to process said transaction based at least in part on said identified attribute-based category of said transaction and at least in part on said servers being assigned to execute transactions corresponding to said attribute-based category; and

10 means for routing said transaction to one of said at least one identified servers.

22. An apparatus as in claim 21, further comprising:

means for identifying each of said plurality of servers; and

means for assigning at least one attribute-based category to each of said plurality of servers.